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                 to 50,000
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         DEC. 11
NEWS 23
                 CAS REGISTRY chemical nomenclature enhanced
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                 with preparation role
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         DEC 18
                 CA/CAplus patent kind codes updated
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                 MARPAT to CA/CAplus accession number crossover limit increased
                 to 50,000
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              MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
              AND CURRENT DISCOVER FILE IS DATED 25 SEPTEMBER 2006.
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FULL ESTIMATED COST

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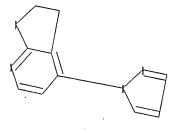
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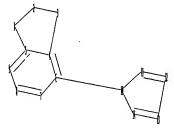
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ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14

chain bonds :

6-10

ring bonds :

1-5 1-2 2-3 3-4 4-5 4-6 5-9 6-7 7-8 8-9 10-11 10-14 11-12 12-13 13-14

exact/norm bonds :

1-5 1-2 6-10 10-11 10-14 11-12

exact bonds :

2-3 3-4 12-13 13-14

normalized bonds :

4-5 4-6 5-9 6-7 7-8 8-9

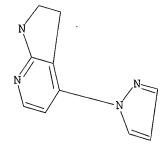
isolated ring systems : containing 1 : 10 :

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 11:Atom 12:Atom 13:Atom 14:Atom

L1 STRUCTURE UPLOADED

=> d l1 L1 HAS NO ANSWERS L1 STE



Structure attributes must be viewed using STN Express query preparation.

=> s 11

SAMPLE SEARCH INITIATED 15:25:34 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 14 TO ITERATE

100.0% PROCESSED 14 ITERATIONS

4 ANSWERS

86 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*

BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS:

56 TO 504

PROJECTED ANSWERS:

4 TO 200

L2 4 SEA SSS SAM L1

=> s 11 full

FULL SEARCH INITIATED 15:25:41 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 240 TO ITERATE

100.0% PROCESSED 240 ITERATIONS

SEARCH TIME: 00.00.01

L3 86 SEA SSS FUL L1

=> file caplus

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FULL ESTIMATED COST 166.94 167.15

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L45 L3

=> d ibib abs hitstr tot

ANSWER 1 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER:

2006:1093832 CAPLUS

DOCUMENT NUMBER:

145:438607

TITLE:

Process for preparing heterocyclylpyrrolopyridines and

their use as antagonists of corticotropin-releasing

factor (CRF) receptors.

INVENTOR(S):

Andreotti, Daniele; Bacchi, Sergio; Delpogetto, Monica; Guelfi, Simone; Perboni, Alcide; Ribecai, Arianna; Spada, Simone; Stabile, Paolo; Tampieri,

Marsia

PATENT ASSIGNEE(S):

SB Pharmco Puerto Rico Inc, USA; Neurocrine

Biosciences Inc

SOURCE:

PCT Int. Appl., 42pp.

CODEN: PIXXD2

DOCUMENT TYPE:

Patent

LANGUAGE:

English

FAMILY ACC. NUM. COUNT:

PATENT INFORMATION:

PAT	ENT	NO.	KIND		DATE			APPLICATION NO.						DATE						
WO	2006108689					-	20061019		,	EP34		20060406								
							AU,													
		CN,	CO,	CR,	CU,	CZ,	DE,	DK,	DM,	DZ,	EC,	ΕE,	EG,	ES,	FI,	GB,	GD,			
		GE,	GH,	GM,	HR,	HU,	ID,	IL,	IN,	IS,	JP,	ΚE,	KG,	KM,	KN,	KP,	KR,			
		ΚZ,	LC,	LK,	LR,	LS,	LT,	LU,	LV,	LY,	MA,	MD,	MG,	MK,	MN,	MW,	MX,			
		MZ,	NA,	NG,	NΙ,	NO,	NZ,	OM,	PG,	PH,	PL,	PT,	RO,	RU,	SC,	SD,	SE,			
		SG,	SK,	SL,	SM,	SY,	ТJ,	TM,	TN,	TR,	TT,	ΤZ,	UA,	UG,	US,	UZ,	VC,			
		VN,	YU,	ZA,	ZM,	zw														
	RW:	AT,	BE,	BG,	CH,	CY,	CZ,	DE,	DK,	EE,	ES,	FI,	FR,	GB,	GR,	HU,	ΙE,			
		•	•	•			MC,	-							-					
		CF,	CG,	CI,	CM,	GΑ,	GN,	GQ,	GW,	ΜĹ,	MR,	ΝE,	SN,	TD,	TG,	BW,	GH,			
		GM,	KE,	LS,	MW,	ΜZ,	NA,	SD,	SL,	SZ,	TZ,	UG,	ZM,	ZW,	AM,	ΑZ,	BY,			
		KG,	ΚZ,	MD,	RU,	ТJ,	TM													
ORITY APPLN. INFO.:										GB 2005-7195						A 20050408				

PRIO

AB A process for preparation of title compds. [I; R = (substituted) aryl, heteroaryl; R1 = H, alkyl, alkenyl, alkynyl, haloalkyl, haloalkoxy, halo, amino, cyano; R2 = H, cycloalkyl, R9; R3 = cycloalkyl, R9; R9 = (substituted) alkyl; R2R3N = (substituted) 5-14 membered heterocycle] comprises treatment of (II; X = halo; R, R1 as above) with a Cu catalyst and a reactive derivative of the residue NR2R3. Thus, CuI and trans-N,N'-1,2-diaminocyclohexane were stirred together for 2-12 h in NMP; K2CO3, 2-(1H-pyrazol-3-yl)thiazole (preparation given), and 3-iodo-6-methyl-1-[2-methyl-4-(methoxy)phenyl]-2,3-dihydro-1H-pyrrolo[2,3-b]pyridine (preparation given) in NMP were added followed by heating at 125° for 12-18 h to give 70% 6-methyl-1-[2-methyl-4-(methoxy)phenyl]-4-[3-(thiazol-2-yl)-1H-pyrazol-1-yl]-2,3-dihydro-1H-pyrrolo[2,3-b]pyridine.

IT 912848-66-9P

CN

CN

RL: IMF (Industrial manufacture); PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of heterocyclylpyrrolopyridines and their use as antagonists of corticotropin-releasing factor (CRF) receptors)

RN 912848-66-9 CAPLUS

1H-Pyrrolo[2,3-b]pyridine, 2,3-dihydro-1-(4-methoxy-2-methylphenyl)-6-methyl-4-[5-(2-thiazolyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)

IT 491864-38-1P 491864-40-5P 491864-41-6P 491864-42-7P 491864-46-1P 491865-57-7P

491865-58-8P 491865-59-9P

RL: IMF (Industrial manufacture); SPN (Synthetic preparation); PREP (Preparation)

(preparation of heterocyclylpyrrolopyridines and their use as antagonists of corticotropin-releasing factor (CRF) receptors)

RN 491864-38-1 CAPLUS

1H-Pyrrolo[2,3-b]pyridine, 1-[2,4-bis(trifluoromethyl)phenyl]-2,3-dihydro-6-methyl-4-[3-(2-thiazolyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)

RN 491864-40-5 CAPLUS

CN Benzonitrile, 4-[2,3-dihydro-6-methyl-4-[3-(2-thiazolyl)-1H-pyrazol-1-yl]-1H-pyrrolo[2,3-b]pyridin-1-yl]-3-methyl- (9CI) (CA INDEX NAME)

RN 491864-41-6 CAPLUS

CN Benzonitrile, 4-[2,3-dihydro-6-methyl-4-[3-(2-thiazolyl)-1H-pyrazol-1-yl]-1H-pyrrolo[2,3-b]pyridin-1-yl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

RN 491864-42-7 CAPLUS

CN 1H-Pyrrolo[2,3-b]pyridine, 2,3-dihydro-6-methyl-1-[2-methyl-4-(trifluoromethoxy)phenyl]-4-[3-(2-thiazolyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)

RN 491864-46-1 CAPLUS

CN 1H-Pyrrolo[2,3-b]pyridine, 2,3-dihydro-1-(4-methoxy-2-methylphenyl)-6-methyl-4-[3-(2-thiazolyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)

RN 491865-57-7 CAPLUS

CN 1H-Pyrrolo[2,3-b]pyridine, 1-[2,4-bis(trifluoromethyl)phenyl]-2,3-dihydro-6-methyl-4-[3-(4-morpholinyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)

RN 491865-58-8 CAPLUS

CN 1H-Pyrrolo[2,3-b]pyridine, 1-[2,4-bis(trifluoromethyl)phenyl]-2,3-dihydro-6-methyl-4-[3-(2-pyridinyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)

RN 491865-59-9 CAPLUS

CN 1H-Pyrrolo[2,3-b]pyridine, 4-[1,3'-bi-1H-pyrazol]-1'-yl-1-[2,4-bis(trifluoromethyl)phenyl]-2,3-dihydro-6-methyl- (9CI) (CA INDEX NAME)

L4 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2006:1093785 CAPLUS

DOCUMENT NUMBER: 145:438617

TITLE: Process for preparation of

heterocyclylpyrrolopyridines from halopyrrolopyridines

using copper catalysts.

INVENTOR(S): Bacchi, Sergio; Delpogetto, Monica; Guelfi, Simone;

Perboni, Alcide; Ribecai, Arianna; Stabile, Paolo;

Tampieri, Marsia

PATENT ASSIGNEE(S): SB Pharmco Puerto Rico Inc, USA; Neurocrine

Biosciences Inc

SOURCE: PCT Int. Appl., 37pp.

CODEN: PIXXD2

DOCUMENT TYPE:

Patent English

LANGUAGE: FAMILY ACC. NUM. COUNT:

PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. DATE

WO 2006108693 A2 20061019 WO 2006-EP3531 20060406
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,

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CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
             GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR,
             KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX,
             MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE,
             SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC,
             VN, YU, ZA, ZM, ZW
         RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
             IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ,
             CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH,
             GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
             KG, KZ, MD, RU, TJ, TM
                                            GB 2005-7198
                                                                A 20050408
PRIORITY APPLN. INFO.:
                         MARPAT 145:438617
OTHER SOURCE(S):
GΙ
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$$\mathbb{Z}^{\mathbb{Z}}$$
  $\mathbb{Z}^{\mathbb{Z}}$   $\mathbb{Z}^{\mathbb{Z}}$ 

CN

AB Title compds. [I; R = (substituted) aryl, heteroaryl; R1 = H, cycloalkyl, alkyl, alkoxy, thioalkyl, alkenyl, alkynyl, haloalkyl, haloalkoxy, halo, amino, cyano; D = CR8R9, CR8; G = CR10R11, CR10; R8-R11 = H, cycloalkyl alkyl, alkenyl, alkynyl, amino, cyano; dotted line = optional double bond; Z = (substituted) heterocyclyl; W = (substituted) carbocyclyl in which 1 C atom is replaced by CO, SOm, or 1-4 C atoms may be replaced by O, N, imino, CO, SOm, CO; m = 0-2], were prepared by treatment of (II; X = halo; R, R1 as above) with a reactive derivative of WZ (variables as above) catalyzed by Cu. Thus, CuI and trans-N, N'-dimethyl-1, 2-diaminocyclohexane were stirred together in DMF for 2-12 h; K2CO3, 1-(1H-pyrazol-3-yl)-2imidazolidinone (preparation given), and 3-bromo-6-methyl-1-[2-methyl-4-(methoxy)phenyl]-2,3-dihydropyrrolo[2,3-b]pyridine (preparation given) in DMF were added followed by heating at 125° for 36-42 h to give 70% 1-[1-(4-methoxy-2-methylphenyl)-6-methyl-2,3-dihydro-1H-pyrrolo[2,3-dihydro-1H-pyrrolo[2,3-dihydro-1H-pyrrolo[2,3-dihydro-1H-pyrrolo[2,3-dihydro-1H-pyrrolo[2,3-dihydro-1H-pyrrolo[2,3-dihydro-1H-pyrrolo[2,3-dihydro-1H-pyrrolo[2,3-dihydro-1H-pyrrolo[2,3-dihydro-1H-pyrrolo[2,3-dihydro-1H-pyrrolo[2,3-dihydro-1H-pyrrolo[2,3-dihydro-1H-pyrrolo[2,3-dihydro-1H-pyrrolo[2,3-dihydro-1H-pyrrolo[2,3-dihydro-1H-pyrrolo[2,3-dihydro-1H-pyrrolo[2,3-dihydro-1H-pyrrolo[2,3-dihydro-1H-pyrrolo[2,3-dihydro-1H-pyrrolo[2,3-dihydro-1H-pyrrolo[2,3-dihydro-1H-pyrrolo[2,3-dihydro-1H-pyrrolo[2,3-dihydro-1H-pyrrolo[2,3-dihydro-1H-pyrrolo[2,3-dihydro-1H-pyrrolo[2,3-dihydro-1H-pyrrolo[2,3-dihydro-1H-pyrrolo[2,3-dihydro-1H-pyrrolo[2,3-dihydro-1H-pyrrolo[2,3-dihydro-1H-pyrrolo[2,3-dihydro-1H-pyrrolo[2,3-dihydro-1H-pyrrolo[2,3-dihydro-1H-pyrrolo[2,3-dihydro-1H-pyrrolo[2,3-dihydro-1H-pyrrolo[2,3-dihydro-1H-pyrrolo[2,3-dihydro-1H-pyrrolo[2,3-dihydro-1H-pyrrolo[2,3-dihydro-1H-pyrrolo[2,3-dihydro-1H-pyrrolo[2,3-dihydro-1H-pyrrolo[2,3-dihydro-1H-pyrrolo[2,3-dihydro-1H-pyrrolo[2,3-dihydro-1H-pyrrolo[2,3-dihydro-1H-pyrrolo[2,3-dihydro-1H-pyrrolo[2,3-dihydro-1H-pyrrolo[2,3-dihydro-1H-pyrrolo[2,3-dihydro-1H-pyrrolo[2,3-dihydro-1H-pyrrolo[2,3-dihydro-1H-pyrrolo[2,3-dihydro-1H-pyrrolo[2,3-dihydro-1H-pyrrolo[2,3-dihydro-1H-pyrrolo[2,3-dihydro-1H-pyrrolo[2,3-dihydro-1H-pyrrolo[2,3-dihydro-1H-pyrrolo[2,3-dihydro-1H-pyrrolo[2,3-dihydro-1H-pyrrolo[2,3-dihydro-1H-pyrrolo[2,3-dihydro-1H-pyrrolo[2,3-dihydro-1H-pyrrolo[2,3-dihydro-1H-pyrrolo[2,3-dihydro-1H-pyrrolo[2,3-dihydro-1H-pyrrolo[2,3-dihydro-1H-pyrrolo[2,3-dihydro-1H-pyrrolo[2,3-dihydro-1H-pyrrolo[2,3-dihydro-1H-pyrrolo[2,3-dihydro-1H-pyrrolo[2,3-dihydro-1H-pyrrolo[2,3-dihydro-1H-pyrrolo[2,3-dihydro-1H-pyrrolo[2,3-dihydro-1H-pyrrolo[2,3-dihydro-1H-pyrrolo[2,3-dihydro-1H-pyrrolo[2,3-dihydro-1H-pyrrolo[2,3-dihydro-1H-pyrrolo[2,3-dihydro-1H-pyrrolo[2,3-dihydro-1H-pyrrolo[2,3-dihydro-1H-pyrrolo[2,3-dihydro-1H-pyrrolo[2,3-dihydro-1H-pyrrolo[2,3-dihydro-1H-pyrrolo[2,3-dihydro-1H-pyrrolo[2,3-dihydro-1H-pyrrolo[2,b]pyridin-4-yl]-1H-pyrazol-3-yl]imidazolidin-2-one. IT 491864-40-5P 491864-46-1P 786701-13-1P, 1-[1-[1-(4-Methoxy-2-methylphenyl)-6-methyl-2,3-dihydro-1H-pyrrolo[2,3-dihydro-1H-pyrrolo[2,3-dihydro-1H-pyrrolo]]b[pyridin-4-yl]-1H-pyrazol-3-yl]imidazolidin-2-one 786701-15-3P, 1-[1-[1-(4-Methoxy-2-methylphenyl)-6-methyl-2,3-dihydro-1H-pyrrolo[2,3b]pyridin-4-yl]-1H-pyrazol-3-yl]-3-methylimidazolidin-2-one 786701-17-5P, 1-[1-[1-(2,4-Dichlorophenyl)-6-methyl-2,3-dihydro-1Hpyrrolo[2,3-b]pyridin-4-yl]-1H-pyrazol-3-yl]imidazolidin-2-one 786701-22-2P 786701-25-5P 786701-27-7P 786701-29-9P, 1-[1-[6-Methyl-1-[2-methyl-4-((trifluoromethyl)oxy]phenyl]-2,3-dihydro-1H-pyrrolo[2,3-b]pyridin-4-yl]-1H-pyrazol-3-yl]imidazolidin-2-one 786701-62-0P 786701-66-4P 786701-69-7P 786701-72-2P 786701-75-5P 786701-77-7P 786701-79-9P 786701-80-2P 786701-83-5P 912850-56-7P RL: IMF (Industrial manufacture); SPN (Synthetic preparation); PREP (Preparation) (preparation of heterocyclylpyrrolopyridines from halopyrrolopyridines using copper catalysts) 491864-40-5 CAPLUS RN

Benzonitrile, 4-[2,3-dihydro-6-methyl-4-[3-(2-thiazolyl)-1H-pyrazol-1-yl]-1H-pyrrolo[2,3-b]pyridin-1-yl]-3-methyl- (9CI) (CA INDEX NAME)

RN 491864-46-1 CAPLUS

CN 1H-Pyrrolo[2,3-b]pyridine, 2,3-dihydro-1-(4-methoxy-2-methylphenyl)-6-methyl-4-[3-(2-thiazolyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)

RN 786701-13-1 CAPLUS

CN 2-Imidazolidinone, 1-[1-[2,3-dihydro-1-(4-methoxy-2-methylphenyl)-6-methyl-1H-pyrrolo[2,3-b]pyridin-4-yl]-1H-pyrazol-3-yl]- (9CI) (CA INDEX NAME)

RN 786701-15-3 CAPLUS

CN 2-Imidazolidinone, 1-[1-[2,3-dihydro-1-(4-methoxy-2-methylphenyl)-6-methyl-1H-pyrrolo[2,3-b]pyridin-4-yl]-1H-pyrazol-3-yl]-3-methyl- (9CI) (CA INDEX NAME)

RN 786701-17-5 CAPLUS

CN 2-Imidazolidinone, 1-[1-[1-(2,4-dichlorophenyl)-2,3-dihydro-6-methyl-1H-pyrrolo[2,3-b]pyridin-4-yl]-1H-pyrazol-3-yl]- (9CI) (CA INDEX NAME)

RN 786701-22-2 CAPLUS

CN 2-Imidazolidinone, 1-acetyl-3-[1-[2,3-dihydro-1-(4-methoxy-2-methylphenyl)-6-methyl-1H-pyrrolo[2,3-b]pyridin-4-yl]-1H-pyrazol-3-yl]- (9CI) (CA INDEX NAME)

RN 786701-25-5 CAPLUS

CN 2-Imidazolidinone, 1-[1-[1-(4-ethoxy-2-methylphenyl)-2,3-dihydro-6-methyl-1H-pyrrolo[2,3-b]pyridin-4-yl]-1H-pyrazol-3-yl]- (9CI) (CA INDEX NAME)

RN 786701-27-7 CAPLUS

CN 2-Imidazolidinone, 1-[1-[2,3-dihydro-6-methyl-1-[2-methyl-4-(1-methylethoxy)phenyl]-1H-pyrrolo[2,3-b]pyridin-4-yl]-1H-pyrazol-3-yl]-(9CI) (CA INDEX NAME)

RN 786701-29-9 CAPLUS
CN 2-Imidazolidinone, 1-[1-[2,3-dihydro-6-methyl-1-[2-methyl-4-(trifluoromethoxy)phenyl]-1H-pyrrolo[2,3-b]pyridin-4-yl]-1H-pyrazol-3-yl]-(9CI) (CA INDEX NAME)

RN 786701-62-0 CAPLUS
CN 2-Imidazolidinone, 1-[1-[2,3-dihydro-1-(4-methoxy-2-methylphenyl)-6-methyl1H-pyrrolo[2,3-b]pyridin-4-yl]-5-methyl-1H-pyrazol-3-yl]- (9CI) (CA INDEX NAME)

RN 786701-66-4 CAPLUS

CN 2-Pyrrolidinone, 1-[1-[2,3-dihydro-1-(4-methoxy-2-methylphenyl)-6-methyl-1H-pyrrolo[2,3-b]pyridin-4-yl]-1H-pyrazol-3-yl]- (9CI) (CA INDEX NAME)

RN 786701-69-7 CAPLUS

CN 2(1H)-Pyrimidinone, 1-[1-[2,3-dihydro-1-(4-methoxy-2-methylphenyl)-6-methyl-1H-pyrrolo[2,3-b]pyridin-4-yl]-1H-pyrazol-3-yl]tetrahydro-(9CI) (CA INDEX NAME)

RN 786701-72-2 CAPLUS

CN 2-Oxazolidinone, 3-[1-[2,3-dihydro-1-(4-methoxy-2-methylphenyl)-6-methyl-1H-pyrrolo[2,3-b]pyridin-4-yl]-1H-pyrazol-3-yl]- (9CI) (CA INDEX NAME)

RN 786701-75-5 CAPLUS

CN 1,2,5-Thiadiazolidine-2-carboxylic acid, 5-[1-[2,3-dihydro-1-(4-methoxy-2-methylphenyl)-6-methyl-1H-pyrrolo[2,3-b]pyridin-4-yl]-1H-pyrazol-3-yl]-, methyl ester, 1,1-dioxide (9CI) (CA INDEX NAME)

RN 786701-77-7 CAPLUS

CN 1H-Pyrrolo[2,3-b]pyridine, 4-[3-(1,1-dioxido-1,2,5-thiadiazolidin-2-yl)-1H-pyrazol-1-yl]-2,3-dihydro-1-(4-methoxy-2-methylphenyl)-6-methyl- (9CI) (CA INDEX NAME)

RN 786701-79-9 CAPLUS

CN 1H-Pyrrolo[2,3-b]pyridine, 4-[3-(1,1-dioxido-2-isothiazolidinyl)-1H-pyrazol-1-yl]-2,3-dihydro-1-(4-methoxy-2-methylphenyl)-6-methyl- (9CI) (CA INDEX NAME)

RN 786701-80-2 CAPLUS

CN 2(1H)-Pyridinone, 1-[1-[2,3-dihydro-1-(4-methoxy-2-methylphenyl)-6-methyl-1H-pyrrolo[2,3-b]pyridin-4-yl]-1H-pyrazol-3-yl]-3-methyl- (9CI) (CA INDEX NAME)

RN 786701-83-5 CAPLUS

CN 2H-Imidazol-2-one, 1-[1-[2,3-dihydro-1-(4-methoxy-2-methylphenyl)-6-methyl-1H-pyrrolo[2,3-b]pyridin-4-yl]-1H-pyrazol-3-yl]-1,3-dihydro-(9CI) (CA INDEX NAME)

RN 912850-56-7 CAPLUS

CN 3(2H)-Pyridazinone, 2-[1-[2,3-dihydro-1-(4-methoxy-2-methylphenyl)-6-methyl-1H-pyrrolo[2,3-b]pyridin-4-yl]-1H-pyrazol-3-yl]tetrahydro- (9CI) (CA INDEX NAME)

L4 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2004:927207 CAPLUS

DOCUMENT NUMBER: 141:395557

TITLE: Preparation of condensed heterocycles as CRF receptor

antagonists for treatment of depression, anxiety, IBS,

and IBD

INVENTOR(S): Andreotti, Daniele; Bernasconi, Giovanni; Castiglioni,

Emiliano; Contini, Stefania; Di Fabio, Romano;

Fazzolari, Elettra; Feriani, Aldo; Gentile, Gabriella;

Mattioli, Mario; Mingardi, Anna; Sabbatini, Fabio;

St.-Denis, Yves

PATENT ASSIGNEE(S): SB Pharmco Puerto Rico Inc., USA; Neurocrine

Biosciences Inc.

SOURCE: PCT Int. Appl., 129 pp.

CODEN: PIXXD2

Patent

DOCUMENT TYPE:

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

	PAT	CENT	NO.			KIND DATE			APPLICATION NO.						DATE					
	WO	O 2004094420				A1 20041104			WO 2004-IB1350						20040407					
		W:	ΑE,	AG,	AL,	AM,	AT,	AU,	AZ,	BA,	BB,	BG,	BR,	BW,	BY,	ΒZ,	CA,	CH,		
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			GE,	GH,	GM,	HR,	HU,	ID,	IL,	IN,	IS,	JP,	ΚE,	KG,	ΚP,	KR,	ΚZ,	LC,		
			LK,	LR,	LS,	LT,	LU,	LV,	MA,	MD,	MG,	MK,	MN,	MW,	MX,	ΜZ,	NA,	NI,		
			NO,	ΝZ,	OM,	PG,	PH,	PL,	PT,	RO,	RU,	SC,	SD,	SE,	SG,	SK,	SL,	SY,		
			ТJ,	TM,	TN,	TR,	TT,	ΤZ,	UA,	UG,	US,	UZ,	VC,	VN,	YU,	ZA,	ZM,	ZW		
		RW:	BW,	GH,	GM,	KE,	LS,	MW,	ΜZ,	SD,	SL,	SZ,	ΤZ,	UG,	ZM,	ZW,	AM,	ΑZ,		
			BY,	KG,	ΚZ,	MD,	RU,	ТJ,	TM,	ΑT,	ΒE,	BG,	CH,	CY,	CZ,	DE,	DK,	EE,		
			ES,	FI,	FR,	GB,	GR,	HU,	ΙE,	IT,	LU,	MC,	NL,	PL,	PT,	RO,	SE,	SI,		
			SK,	TR,	BF,	ВJ,	CF,	CG,	CI,	CM,	GΑ,	GN,	GQ,	GW,	ML,	MR,	NE,	SN,		
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	CA	2521	929			A1 20041104				CA 2	004-	2521	20040407							
	EΡ	1611		A1 20060104			EP 2004-726237						20040407							
		R:	ΑT,	BE,	CH,	DE,	DK,	ES,	FR,	GB,	GR,	IT,	LI,	LU,	NL,	SE,	MC,	PT,		
			ΙE,	SI,	LT,	LV,	FI,	RO,	MK,	CY,	AL,	TR,	BG,	CZ,	EE,	HU,	PL,	SK,	HR	
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	NO 2005005238							A 20060109			NO 2005-5238									
PRIO	PRIORITY APPLN. INFO.:										GB 2003-8208									
										1	US 2003-485322P					P 20030707				

MARPAT 141:395557

AΒ Title [(pyrrolo[2,3-b]pyridinyl)pyrazolyl]imidazolidinones and related compds. I [wherein D = CR8R9, CR8; G = CR10R11, CR10; W = (un)substituted carbocyclyl, heterocyclyl; X = C, N; Y = N, CR7; Z = (un)substituted heterocyclyl, Ph; R = (un)substituted (hetero)aryl; R1 = H, (cyclo)alkyl, (halo)alkoxy, alkylthio, alkenyl, alkynyl, halo(alkyl), halo, NR3R4, CN; R3, R4 = independently H, alkyl; R7 = H, (halo)alkyl, halo; R8-R11 = independently H, (cyclo)alkyl, alkenyl, alkynyl, NR3R4, CN; and stereoisomers, prodrugs and pharmaceutically acceptable salts, or solvates thereof] were prepared as corticotropin-releasing factor (CRF) antagonists. For example, 4-iodo-6-methyl-1-[2-methyl-4-(methyloxy)phenyl]-2,3-dihydro-1H-pyrrolo[2,3-b]pyridine was coupled with 1-(1H-pyrazol-3-yl)imidazolidin-2-one (preparation of reactants given) in the presence of CuI, K2CO3, dodecane, and trans-cyclohexanediamine in anh. NMP to afford II (53%). In binding assays using recombinant human CRF1 and CRF2 receptors expressed in CHO cell membranes, compds. of the invention showed affinity for CRF receptors with Ki values of <10  $\mu$ M. Thus, I and their pharmaceutical compns. are useful for the treatment of depression, anxiety, IBS, and IBD (no data). IΤ 786701-13-1P, 1-[1-[1-(4-Methoxy-2-methylphenyl)-6-methyl-2,3dihydro-1H-pyrrolo[2,3-b]pyridin-4-yl]-1H-pyrazol-3-yl]imidazolidin-2-one RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP

(Preparation); RACT (Reactant or reagent); USES (Uses) (CRF antagonist; preparation of [(pyrrolopyridinyl)pyrazolyl]imidazolidinone s and related compds. as CRF receptor antagonists for treatment of depression, anxiety, IBS, and IBD)

786701-13-1 CAPLUS RN

CN

2-Imidazolidinone, 1-[1-[2,3-dihydro-1-(4-methoxy-2-methylphenyl)-6-methyl-1H-pyrrolo[2,3-b]pyridin-4-yl]-1H-pyrazol-3-yl]- (9CI) (CA INDEX NAME)

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IT
           786701-15-3P, 1-[1-[1-(4-Methoxy-2-methylphenyl)-6-methyl-2,3-
           dihydro-1H-pyrrolo[2,3-b]pyridin-4-y1]-1H-pyrazol-3-y1]-3-
           methylimidazolidin-2-one 786701-17-5P, 1-[1-(2,4-
           Dichlorophenyl)-6-methyl-2,3-dihydro-1H-pyrrolo[2,3-b]pyridin-4-yl]-1H-
           pyrazol-3-yl]imidazolidin-2-one 786701-19-7P,
           1-[1-[1-[2,4-Bis(trifluoromethyl)phenyl]-6-methyl-2,3-dihydro-1H-
           pyrrolo[2,3-b]pyridin-4-yl]-1H-pyrazol-3-yl]-2-imidazolidinone
           786701-20-0P, 1-[1-[1-(4-Hydroxy-2-methylphenyl)-6-methyl-2,3-
           dihydro-1H-pyrrolo[2,3-b]pyridin-4-yl]-1H-pyrazol-3-yl]-2-imidazolidinone
            786701-22-2P, 1-Acetyl-3-[1-[6-methyl-1-[2-methyl-4-
            (methyloxy)phenyl]-2,3-dihydro-1H-pyrrolo[2,3-b]pyridin-4-yl]-1H-pyrazol-3-
           y1]-2-imidazolidinone 786701-25-5P, 1-[1-[4-(Ethyloxy)-2-
           methylphenyl]-6-methyl-2,3-dihydro-1H-pyrrolo[2,3-b]pyridin-4-yl]-1H-
           pyrazol-3-yl]-2-imidazolidinone 786701-27-7P,
            1-[1-[6-Methyl-1-[2-methyl-4-[(1-methylethyl)oxy]phenyl]-2,3-dihydro-1H-
           pyrrolo[2,3-b]pyridin-4-yl]-1H-pyrazol-3-yl]-2-imidazolidinone
            786701-29-9P, 1-[1-[6-Methyl-1-[2-methyl-4-
            [(trifluoromethyl)oxy]phenyl]-2,3-dihydro-1H-pyrrolo[2,3-b]pyridin-4-yl]-
            1H-pyrazol-3-yl]-2-imidazolidinone 786701-31-3P,
            3-Methyl-4-[6-methyl-4-[3-(2-oxo-1-imidazolidinyl)-1H-pyrazol-1-yl]-2,3-methyl-4-[6-methyl-4-[3-(2-oxo-1-imidazolidinyl)-1H-pyrazol-1-yl]-2,3-methyl-4-[6-methyl-4-[3-(2-oxo-1-imidazolidinyl)-1H-pyrazol-1-yl]-2,3-methyl-4-[6-methyl-4-[3-(2-oxo-1-imidazolidinyl)-1H-pyrazol-1-yl]-2,3-methyl-4-[6-methyl-4-[3-(2-oxo-1-imidazolidinyl)-1H-pyrazol-1-yl]-2,3-methyl-4-[6-methyl-4-[3-(2-oxo-1-imidazolidinyl)-1H-pyrazol-1-yl]-2,3-methyl-4-[6-methyl-4-[3-(2-oxo-1-imidazolidinyl)-1H-pyrazol-1-yl]-2,3-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-methyl-4-[6-meth
           dihydro-1H-pyrrolo[2,3-b]pyridin-1-yl]benzonitrile 786701-34-6P,
           1-[1-[6-Methyl-1-[2-methyl-4-(1H-pyrazol-1-yl)phenyl]-2,3-dihydro-1H-
           pyrrolo[2,3-b]pyridin-4-yl]-1H-pyrazol-3-yl]-2-imidazolidinone
            786701-35-7P, 4-[6-Methyl-4-[3-(2-oxo-1-imidazolidinyl)-1H-pyrazol-
            1-yl]-2,3-dihydro-1H-pyrrolo[2,3-b]pyridin-1-yl]-3-
            (trifluoromethyl) benzonitrile 786701-37-9P, 1-[1-[2-1-1]]
            (Difluoromethyl) -4-(methyloxy)phenyl]-6-methyl-2,3-dihydro-1H-pyrrolo[2,3-
           b]pyridin-4-yl]-1H-pyrazol-3-yl]-2-imidazolidinone 786701-40-4P,
            4-[6-Methyl-4-[3-(2-oxo-1-imidazolidinyl)-1H-pyrazol-1-yl]-2,3-dihydro-1H-
           pyrrolo[2,3-b]pyridin-1-yl]-3-[(trifluoromethyl)oxy]benzonitrile
            786701-43-7P, 3-Ethyl-4-[6-methyl-4-[3-(2-oxo-1-imidazolidinyl)-1H-
            pyrazol-1-yl]-2,3-dihydro-1H-pyrrolo[2,3-b]pyridin-1-yl]benzonitrile
            yl)phenyl]-2,3-dihydro-1H-pyrrolo[2,3-b]pyridin-4-yl]-1H-pyrazol-3-yl]-2-
           imidazolidinone 786701-46-0P, 1-[1-[6-Methyl-1-(6-methyl-1,3-
           benzodioxol-5-yl)-2,3-dihydro-1H-pyrrolo[2,3-b]pyridin-4-yl]-1H-pyrazol-3-
           y1]-2-imidazolidinone 786701-49-3P, 1-[1-[6-Methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,6-methyl-1-[2,4,
            tris(methyloxy)phenyl]-2,3-dihydro-1H-pyrrolo[2,3-b]pyridin-4-yl]-1H-
           pyrazol-3-yl]-2-imidazolidinone 786701-57-3P,
            1-[1-[2,6-Dimethyl-1-[2-methyl-4-(methyloxy)phenyl]-2,3-dihydro-1H-
           pyrrolo[2,3-b]pyridin-4-yl]-1H-pyrazol-3-yl]-2-imidazolidinone
            786701-62-0P, 1-[5-Methyl-1-[6-methyl-1-[2-methyl-4-
            (methyloxy) phenyl]-2,3-dihydro-1H-pyrrolo[2,3-b]pyridin-4-yl]-1H-pyrazol-3-
            yl]-2-imidazolidinone 786701-64-2P, 1-[1-[4-
            [(Difluoromethyl)oxy]-2-methylphenyl]-6-methyl-2,3-dihydro-1H-pyrrolo[2,3-
           b]pyridin-4-yl]-1H-pyrazol-3-yl]-2-imidazolidinone 786701-66-4P,
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1-[1-[1-(4-Methoxy-2-methylphenyl)-6-methyl-2,3-dihydro-1H-pyrrolo[2,3-methyl-2,3-dihydro-1H-pyrrolo[2,3-methylphenyl)]b]pyridin-4-yl]-1H-pyrazol-3-yl]pyrrolidin-2-one 786701-69-7P, 1-[1-[1-(4-Methoxy-2-methylphenyl)-6-methyl-2,3-dihydro-1H-pyrrolo[2,3b]pyridin-4-yl]-1H-pyrazol-3-yl]tetrahydropyrimidin-2(1H)-one 786701-72-2P, 3-[1-[6-Methyl-1-[2-methyl-4-(methyloxy)phenyl]-2,3dihydro-1H-pyrrolo[2,3-b]pyridin-4-yl]-1H-pyrazol-3-yl]-1,3-oxazolidin-2one 786701-75-5P 786701-77-7P, 4-[3-(1,1-Dioxido-1,2,5thiadiazolidin-2-yl)-1H-pyrazol-1-yl]-6-methyl-1-[2-methyl-4-(methyloxy)phenyl]-2,3-dihydro-1H-pyrrolo[2,3-b]pyridine 786701-79-9P, 4-[3-(1,1-Dioxido-2-isothiazolidinyl)-1H-pyrazol-1yl]-6-methyl-1-[2-methyl-4-(methyloxy)phenyl]-2,3-dihydro-1H-pyrrolo[2,3b)pyridine 786701-80-2P, 3-Methyl-1-[1-[6-methyl-1-[2-methyl-4-]](methyloxy)phenyl]-2,3-dihydro-1H-pyrrolo[2,3-b]pyridin-4-yl]-1H-pyrazol-3yl]-2(1H)-pyridinone 786701-81-3P, 2-[1-[6-Methyl-1-[2-methyl-4-(methyloxy) phenyl] -2, 3-dihydro-1H-pyrrolo[2, 3-b]pyridin-4-yl]-1H-pyrazol-3y1]-3(2H)-pyridazinone 786701-83-5P, 1-[1-[6-Methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-1-[2-methyl-4-(methyloxy)phenyl]-2,3-dihydro-1H-pyrrolo[2,3-b]pyridin-4-yl]-1H-pyrazol-3-yl]-1,3-dihydro-2H-imidazol-2-one RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses) (CRF antagonist; preparation of [(pyrrolopyridinyl)pyrazolyl]imidazolidinone s and related compds. as CRF receptor antagonists for treatment of depression, anxiety, IBS, and IBD) 786701-15-3 CAPLUS 2-Imidazolidinone, 1-[1-[2,3-dihydro-1-(4-methoxy-2-methylphenyl)-6-methyl-

1H-pyrrolo[2,3-b]pyridin-4-yl]-1H-pyrazol-3-yl]-3-methyl- (9CI) (CA INDEX

RN

CN

NAME)

RN 786701-17-5 CAPLUS
CN 2-Imidazolidinone, 1-[1-[1-(2,4-dichlorophenyl)-2,3-dihydro-6-methyl-1H-pyrrolo[2,3-b]pyridin-4-yl]-1H-pyrazol-3-yl]- (9CI) (CA INDEX NAME)

RN 786701-19-7 CAPLUS

CN 2-Imidazolidinone, 1-[1-[1-[2,4-bis(trifluoromethyl)phenyl]-2,3-dihydro-6-methyl-1H-pyrrolo[2,3-b]pyridin-4-yl]-1H-pyrazol-3-yl]- (9CI) (CA INDEX NAME)

RN 786701-20-0 CAPLUS

CN 2-Imidazolidinone, 1-[1-[2,3-dihydro-1-(4-hydroxy-2-methylphenyl)-6-methyl-1H-pyrrolo[2,3-b]pyridin-4-yl]-1H-pyrazol-3-yl]- (9CI) (CA INDEX NAME)

RN 786701-22-2 CAPLUS

CN 2-Imidazolidinone, 1-acetyl-3-[1-[2,3-dihydro-1-(4-methoxy-2-methylphenyl)-6-methyl-1H-pyrrolo[2,3-b]pyridin-4-yl]-1H-pyrazol-3-yl]- (9CI) (CA INDEX NAME)

RN 786701-25-5 CAPLUS

CN 2-Imidazolidinone, 1-[1-[1-(4-ethoxy-2-methylphenyl)-2,3-dihydro-6-methyl-1H-pyrrolo[2,3-b]pyridin-4-yl]-1H-pyrazol-3-yl]- (9CI) (CA INDEX NAME)

RN 786701-27-7 CAPLUS

CN 2-Imidazolidinone, 1-[1-[2,3-dihydro-6-methyl-1-[2-methyl-4-(1-methylethoxy)phenyl]-1H-pyrrolo[2,3-b]pyridin-4-yl]-1H-pyrazol-3-yl]-(9CI) (CA INDEX NAME)

RN 786701-29-9 CAPLUS
CN 2-Imidazolidinone, 1-[1-[2,3-dihydro-6-methyl-1-[2-methyl-4-(trifluoromethoxy)phenyl]-1H-pyrrolo[2,3-b]pyridin-4-yl]-1H-pyrazol-3-yl]-(9CI) (CA INDEX NAME)

RN 786701-31-3 CAPLUS
CN Benzonitrile, 4-[2,3-dihydro-6-methyl-4-[3-(2-oxo-1-imidazolidinyl)-1H-pyrazol-1-yl]-1H-pyrrolo[2,3-b]pyridin-1-yl]-3-methyl- (9CI) (CA INDEX NAME)

RN 786701-34-6 CAPLUS

CN 2-Imidazolidinone, 1-[1-[2,3-dihydro-6-methyl-1-[2-methyl-4-(1H-pyrazol-1-yl)phenyl]-1H-pyrrolo[2,3-b]pyridin-4-yl]-1H-pyrazol-3-yl]- (9CI) (CA INDEX NAME)

RN 786701-35-7 CAPLUS

CN Benzonitrile, 4-[2,3-dihydro-6-methyl-4-[3-(2-oxo-1-imidazolidinyl)-1H-pyrazol-1-yl]-1H-pyrrolo[2,3-b]pyridin-1-yl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

RN 786701-37-9 CAPLUS

CN 2-Imidazolidinone, 1-[1-[1-[2-(difluoromethyl)-4-methoxyphenyl]-2,3-dihydro-6-methyl-1H-pyrrolo[2,3-b]pyridin-4-yl]-1H-pyrazol-3-yl]- (9CI) (CA INDEX NAME)

RN 786701-40-4 CAPLUS

CN Benzonitrile, 4-[2,3-dihydro-6-methyl-4-[3-(2-oxo-1-imidazolidinyl)-1H-pyrazol-1-yl]-1H-pyrrolo[2,3-b]pyridin-1-yl]-3-(trifluoromethoxy)- (9CI) (CA INDEX NAME)

RN 786701-43-7 CAPLUS

CN Benzonitrile, 4-[2,3-dihydro-6-methyl-4-[3-(2-oxo-1-imidazolidinyl)-1H-pyrazol-1-yl]-1H-pyrrolo[2,3-b]pyridin-1-yl]-3-ethyl- (9CI) (CA INDEX NAME)

RN 786701-44-8 CAPLUS

CN 2-Imidazolidinone, 1-[1-[2,3-dihydro-1-[2-methoxy-4-(1H-pyrazol-1-yl)phenyl]-6-methyl-1H-pyrrolo[2,3-b]pyridin-4-yl]-1H-pyrazol-3-yl]- (9CI) (CA INDEX NAME)

RN 786701-46-0 CAPLUS

CN 2-Imidazolidinone, 1-[1-[2,3-dihydro-6-methyl-1-(6-methyl-1,3-benzodioxol-5-yl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-1H-pyrazol-3-yl]- (9CI) (CA INDEX NAME)

RN 786701-49-3 CAPLUS

CN 2-Imidazolidinone, 1-[1-[2,3-dihydro-6-methyl-1-(2,4,6-trimethoxyphenyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-1H-pyrazol-3-yl]- (9CI) (CA INDEX NAME)

RN 786701-57-3 CAPLUS

CN 2-Imidazolidinone, 1-[1-[2,3-dihydro-1-(4-methoxy-2-methylphenyl)-2,6-dimethyl-1H-pyrrolo[2,3-b]pyridin-4-yl]-1H-pyrazol-3-yl]- (9CI) (CA INDEX NAME)

RN 786701-62-0 CAPLUS

CN 2-Imidazolidinone, 1-[1-[2,3-dihydro-1-(4-methoxy-2-methylphenyl)-6-methyl-1H-pyrrolo[2,3-b]pyridin-4-yl]-5-methyl-1H-pyrazol-3-yl]- (9CI) (CA INDEX NAME)

RN 786701-64-2 CAPLUS

CN 2-Imidazolidinone, 1-[1-[4-(difluoromethoxy)-2-methylphenyl]-2,3-dihydro-6-methyl-1H-pyrrolo[2,3-b]pyridin-4-yl]-1H-pyrazol-3-yl]- (9CI) (CA INDEX NAME)

RN 786701-66-4 CAPLUS

CN 2-Pyrrolidinone, 1-[1-[2,3-dihydro-1-(4-methoxy-2-methylphenyl)-6-methyl-1H-pyrrolo[2,3-b]pyridin-4-yl]-1H-pyrazol-3-yl]- (9CI) (CA INDEX NAME)

RN 786701-69-7 CAPLUS

CN 2(1H)-Pyrimidinone, 1-[1-[2,3-dihydro-1-(4-methoxy-2-methylphenyl)-6-methyl-1H-pyrrolo[2,3-b]pyridin-4-yl]-1H-pyrazol-3-yl]tetrahydro- (9CI) (CA INDEX NAME)

RN 786701-72-2 CAPLUS

CN

2-Oxazolidinone, 3-[1-[2,3-dihydro-1-(4-methoxy-2-methylphenyl)-6-methyl-1H-pyrrolo[2,3-b]pyridin-4-yl]-1H-pyrazol-3-yl]- (9CI) (CA INDEX NAME)

RN 786701-75-5 CAPLUS

CN 1,2,5-Thiadiazolidine-2-carboxylic acid, 5-[1-[2,3-dihydro-1-(4-methoxy-2-methylphenyl)-6-methyl-1H-pyrrolo[2,3-b]pyridin-4-yl]-1H-pyrazol-3-yl]-, methyl ester, 1,1-dioxide (9CI) (CA INDEX NAME)

RN 786701-77-7 CAPLUS

CN 1H-Pyrrolo[2,3-b]pyridine, 4-[3-(1,1-dioxido-1,2,5-thiadiazolidin-2-yl)-1H-pyrazol-1-yl]-2,3-dihydro-1-(4-methoxy-2-methylphenyl)-6-methyl- (9CI) (CA INDEX NAME)

RN 786701-79-9 CAPLUS
CN 1H-Pyrrolo[2,3-b]pyridine, 4-[3-(1,1-dioxido-2-isothiazolidinyl)-1Hpyrazol-1-yl]-2,3-dihydro-1-(4-methoxy-2-methylphenyl)-6-methyl- (9CI)
(CA INDEX NAME)

RN 786701-80-2 CAPLUS
CN 2(1H)-Pyridinone, 1-[1-[2,3-dihydro-1-(4-methoxy-2-methylphenyl)-6-methyl1H-pyrrolo[2,3-b]pyridin-4-yl]-1H-pyrazol-3-yl]-3-methyl- (9CI) (CA INDEX NAME)

RN 786701-81-3 CAPLUS

CN 3(2H)-Pyridazinone, 2-[1-[2,3-dihydro-1-(4-methoxy-2-methylphenyl)-6-methyl-1H-pyrrolo[2,3-b]pyridin-4-yl]-1H-pyrazol-3-yl]- (9CI) (CA INDEX NAME)

RN 786701-83-5 CAPLUS

CN 2H-Imidazol-2-one, 1-[1-[2,3-dihydro-1-(4-methoxy-2-methylphenyl)-6-methyl-1H-pyrrolo[2,3-b]pyridin-4-yl]-1H-pyrazol-3-yl]-1,3-dihydro- (9CI) (CA INDEX NAME)

786700-23-0P, N-[1-[6-Methyl-1-[2-methyl-4-(methyloxy)phenyl]-2,3-IT. dihydro-1H-pyrrolo[2,3-b]pyridin-4-yl]-1H-pyrazol-3-yl]acetamide 786700-24-1P, 1-[6-Methyl-1-[2-methyl-4-(methyloxy)phenyl]-2,3dihydro-1H-pyrrolo[2,3-b]pyridin-4-yl]-1H-pyrazol-3-amine 786700-25-2P 786700-26-3P, 2-[[1-[6-Methyl-1-[2-methyl-4-(methyloxy)phenyl]-2,3-dihydro-1H-pyrrolo[2,3-b]pyridin-4-yl]-1H-pyrazol-3yl]amino]ethanol 786700-27-4P, 3-[[1-[6-Methyl-1-[2-methyl-4-(methyloxy)phenyl]-2,3-dihydro-1H-pyrrolo[2,3-b]pyridin-4-yl]-1H-pyrazol-3yl]amino]-1-propanesulfonic acid 786700-28-5P, Phenyl [1-[6-methyl-1-[2-methyl-4-(methyloxy)phenyl]-2,3-dihydro-1H-pyrrolo[2,3b]pyridin-4-yl]-1H-pyrazol-3-yl]carbamate 786700-29-6P, 1-(2,2-Diethoxyethyl)-3-[1-[6-methyl-1-[2-methyl-4-(methyloxy)phenyl]-2,3dihydro-1H-pyrrolo[2,3-b]pyridin-4-yl]-1H-pyrazol-3-yl]urea 786700-34-3P, 1-Acetyl-3-[1-[1-(4-hydroxy-2-methylphenyl)-6-methyl-2,3-dihydro-1H-pyrrolo[2,3-b]pyridin-4-yl]-1H-pyrazol-3-yl]-2imidazolidinone 786700-35-4P, 1-Acetyl-3-[1-[4-(ethyloxy)-2methylphenyl]-6-methyl-2,3-dihydro-1H-pyrrolo[2,3-b]pyridin-4-yl]-1Hpyrazol-3-yl]-2-imidazolidinone 786700-36-5P, 1-Acetyl-3-[1-[6-methyl-1-[2-methyl-4-[(1-methylethyl)oxy]phenyl]-2,3dihydro-1H-pyrrolo[2,3-b]pyridin-4-yl]-1H-pyrazol-3-yl]-2-imidazolidinone 786700-37-6P, 1-(1-Methylethyl)-3-[1-[6-methyl-1-[2-methyl-4-[(1-methyl-1-[2-methyl-4-[(1-methylethyl)-3-[1-[6-methyl-1-[2-methyl-4-[(1-methylethyl)-3-[1-[6-methyl-1-[2-methyl-4-[(1-methylethyl)-3-[1-[6-methyl-1-[2-methyl-4-[(1-methylethyl)-3-[1-[6-methyl-1-[2-methyl-4-[(1-methylethyl)-3-[1-[6-methyl-1-[2-methyl-4-[(1-methylethyl)-3-[1-[6-methyl-1-[2-methyl-4-[(1-methylethyl)-3-[1-[6-methyl-4-[4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4-[4-methyl-4methylethyl)oxy]phenyl]-2,3-dihydro-1H-pyrrolo[2,3-b]pyridin-4-yl]-1Hpyrazol-3-yl]-2-imidazolidinone 786700-48-9P, 1-[1-[6-Methyl-1-[2-methyl-4-[(trifluoromethyl)oxy]phenyl]-2,3-dihydro-1H-1-[1-[6-Methyl-1-[2-methyl-4-[(trifluoromethyl)oxy]phenyl]-2,3-dihydro-1H-1-[1-[6-Methyl-1-[2-methyl-4-[(trifluoromethyl)oxy]phenyl]-2,3-dihydro-1H-1-[1-[6-Methyl-1-[2-methyl-4-[(trifluoromethyl)oxy]phenyl]-2,3-dihydro-1H-1-[1-[6-Methyl-1-[2-methyl-4-[(trifluoromethyl)oxy]phenyl]-2,3-dihydro-1H-1-[1-[6-Methyl-1-[2-methyl-4-[(trifluoromethyl)oxy]phenyl]-2,3-dihydro-1H-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6-Methyl-1-[6pyrrolo[2,3-b]pyridin-4-yl]-1H-pyrazol-3-yl]-3-[[4-(methyloxy) phenyl] methyl] -2-imidazolidinone 786700-51-4P, 3-Methyl-4-[6-methyl-4-[3-[3-[4-(methyloxy)phenyl]methyl]-2-oxo-1imidazolidinyl]-1H-pyrazol-1-yl]-2,3-dihydro-1H-pyrrolo[2,3-b]pyridin-1yl]benzonitrile 786700-54-7P, 1-[1-[6-Methyl-1-[2-methyl-4-(1H-methyl-1-[2-methyl-4-(1H-methyl-1-[2-methyl-4-(1H-methyl-1-[2-methyl-4-(1H-methyl-1-[2-methyl-4-(1H-methyl-1-[2-methyl-4-(1H-methyl-1-[2-methyl-4-(1H-methyl-1-[2-methyl-4-(1H-methyl-1-[2-methyl-4-(1H-methyl-4-[2-methyl-4-(1H-methyl-4-[2-methyl-4-(1H-methyl-4-[2-methyl-4-(1H-methyl-4-[2-methyl-4-(1H-methyl-4-[2-methyl-4-[2-methyl-4-(1H-methyl-4-[2-methyl-4-(1H-methyl-4-[2-methyl-4-(1H-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[2-methyl-4-[pyrazol-1-yl)phenyl]-2,3-dihydro-1H-pyrrolo[2,3-b]pyridin-4-yl]-1H-pyrazol-3-yl]-3-[[4-(methyloxy)phenyl]methyl]-2-imidazolidinone 786700-57-0P, 4-[6-Methyl-4-[3-[3-[[4-(methyloxy)phenyl]methyl]-2oxo-1-imidazolidinyl]-1H-pyrazol-1-yl]-2,3-dihydro-1H-pyrrolo[2,3b]pyridin-1-yl]-3-(trifluoromethyl)benzonitrile 786700-60-5P, 1-[1-[1-[2-(Difluoromethyl)-4-(methyloxy)phenyl]-6-methyl-2,3-dihydro-1Hpyrrolo[2,3-b]pyridin-4-yl]-1H-pyrazol-3-yl]-3-[[4-(methyloxy)phenyl]methyl]-2-imidazolidinone 786700-64-9P, 4-[6-Methyl-4-[3-[3-[4-(methyloxy)phenyl]methyl]-2-oxo-1-imidazolidinyl]-1H-pyrazol-1-yl]-2,3-dihydro-1H-pyrrolo[2,3-b]pyridin-1-yl]-3-[(trifluoromethyl)oxy]benzonitrile 786700-67-2P, 3-Ethyl-4-[6-methyl-4-[3-[3-[4-(methyloxy)phenyl]methyl]-2-oxo-1imidazolidinyl]-1H-pyrazol-1-yl]-2,3-dihydro-1H-pyrrolo[2,3-b]pyridin-1yl]benzonitrile 786700-71-8P, 1-[1-[6-Methyl-1-[2-(methyloxy)-4-(1H-pyrazol-1-yl)phenyl]-2,3-dihydro-1H-pyrrolo[2,3-b]pyridin-4-yl]-1Hpyrazol-3-yl]-3-[[4-(methyloxy)phenyl]methyl]-2-imidazolidinone 786700-74-1P, 1-[1-[6-Methyl-1-(6-methyl-1,3-benzodioxol-5-yl)-2,3-

dihydro-1H-pyrrolo[2,3-b]pyridin-4-yl]-1H-pyrazol-3-yl]-3-[[4-(methyloxy) phenyl] methyl] -2-imidazolidinone 786700-77-4P, 1-[[4-(Methyloxy)phenyl]methyl]-3-[1-[6-methyl-1-[2,4,6tris(methyloxy)phenyl]-2,3-dihydro-1H-pyrrolo[2,3-b]pyridin-4-yl]-1Hpyrazol-3-yl]-2-imidazolidinone 786700-81-0P, 1-[1-[1-[2,4-Bis(trifluoromethyl)phenyl]-6-methyl-2,3-dihydro-1Hpyrrolo[2,3-b]pyridin-4-yl]-1H-pyrazol-3-yl]-3-[[4-(methyloxy)phenyl]methyl]-2-imidazolidinone 786701-03-9P, 1-[1-[2,6-Dimethyl-1-[2-methyl-4-(methyloxy)phenyl]-2,3-dihydro-1Hpyrrolo[2,3-b]pyridin-4-yl]-1H-pyrazol-3-yl]-3-[[4-(methyloxy)phenyl]methyl]-2-imidazolidinone 786701-09-5P, 5-Methyl-1-[6-methyl-1-[2-methyl-4-(methyloxy)phenyl]-2,3-dihydro-1Hpyrrolo[2,3-b]pyridin-4-yl]-1H-pyrazol-3-amine 786701-11-9P, 1-Acetyl-3-[1-[4-[(difluoromethyl)oxy]-2-methylphenyl]-6-methyl-2,3dihydro-1H-pyrrolo[2,3-b]pyridin-4-yl]-1H-pyrazol-3-yl]-2-imidazolidinone RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent) (intermediate; preparation of [(pyrrolopyridinyl)pyrazolyl]imidazolidinones and related compds. as CRF receptor antagonists for treatment of depression, anxiety, IBS, and IBD) 786700-23-0 CAPLUS Acetamide, N-[1-[2,3-dihydro-1-(4-methoxy-2-methylphenyl)-6-methyl-1H-

CN

RN

pyrrolo[2,3-b]pyridin-4-yl]-1H-pyrazol-3-yl]- (9CI) (CA INDEX NAME)

RN 786700-24-1 CAPLUS

CN 1H-Pyrazol-3-amine, 1-[2,3-dihydro-1-(4-methoxy-2-methylphenyl)-6-methyl-1H-pyrrolo[2,3-b]pyridin-4-yl]- (9CI) (CA INDEX NAME)

786700-25-2 CAPLUS RN

CN Glycine, N-[1-[2,3-dihydro-1-(4-methoxy-2-methylphenyl)-6-methyl-1Hpyrrolo[2,3-b]pyridin-4-yl]-1H-pyrazol-3-yl]-, ethyl ester (9CI) INDEX NAME)

$$\begin{array}{c|c} & & & \\ & & \\ & & \\ N \\ & & \\ N \\ & & \\ M \\ & & \\ M \\ & & \\ \end{array}$$

RN 786700-26-3 CAPLUS

CN Ethanol, 2-[[1-[2,3-dihydro-1-(4-methoxy-2-methylphenyl)-6-methyl-1H-pyrrolo[2,3-b]pyridin-4-yl]-1H-pyrazol-3-yl]amino]- (9CI) (CA INDEX NAME)

RN 786700-27-4 CAPLUS

CN 1-Propanesulfonic acid, 3-[[1-[2,3-dihydro-1-(4-methoxy-2-methylphenyl)-6-methyl-1H-pyrrolo[2,3-b]pyridin-4-yl]-1H-pyrazol-3-yl]amino]- (9CI) (CA INDEX NAME)

RN 786700-28-5 CAPLUS

CN Carbamic acid, [1-[2,3-dihydro-1-(4-methoxy-2-methylphenyl)-6-methyl-1H-pyrrolo[2,3-b]pyridin-4-yl]-1H-pyrazol-3-yl]-, phenyl ester (9CI) (CA INDEX NAME)

RN 786700-29-6 CAPLUS

CN Urea, N-(2,2-diethoxyethyl)-N'-[1-[2,3-dihydro-1-(4-methoxy-2-methylphenyl)-6-methyl-1H-pyrrolo[2,3-b]pyridin-4-yl]-1H-pyrazol-3-yl]-(9CI) (CA INDEX NAME)

RN 786700-34-3 CAPLUS

CN 2-Imidazolidinone, 1-acetyl-3-[1-[2,3-dihydro-1-(4-hydroxy-2-methylphenyl)-6-methyl-1H-pyrrolo[2,3-b]pyridin-4-yl]-1H-pyrazol-3-yl]- (9CI) (CA INDEX NAME)

RN

CN 2-Imidazolidinone, 1-acetyl-3-[1-[1-(4-ethoxy-2-methylphenyl)-2,3-dihydro-6-methyl-1H-pyrrolo[2,3-b]pyridin-4-yl]-1H-pyrazol-3-yl]- (9CI) (CA INDEX NAME)

RN 786700-37-6 CAPLUS
CN 2-Imidazolidinone, 1-[1-[2,3-dihydro-6-methyl-1-[2-methyl-4-(1-methylethoxy)phenyl]-1H-pyrrolo[2,3-b]pyridin-4-yl]-1H-pyrazol-3-yl]-3-(1-methylethyl)- (9CI) (CA INDEX NAME)

RN 786700-48-9 CAPLUS

CN 2-Imidazolidinone, 1-[1-[2,3-dihydro-6-methyl-1-[2-methyl-4-(trifluoromethoxy)phenyl]-1H-pyrrolo[2,3-b]pyridin-4-yl]-1H-pyrazol-3-yl]-3-[(4-methoxyphenyl)methyl]- (9CI) (CA INDEX NAME)

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и Ме

786700-51-4 CAPLUS

RN

CN Benzonitrile, 4-[2,3-dihydro-4-[3-[3-[(4-methoxyphenyl)methyl]-2-oxo-1-imidazolidinyl]-1H-pyrazol-1-yl]-6-methyl-1H-pyrrolo[2,3-b]pyridin-1-yl]-3-methyl- (9CI) (CA INDEX NAME)

Ие

RN 786700-54-7 CAPLUS

CN

2-Imidazolidinone, 1-[1-[2,3-dihydro-6-methyl-1-[2-methyl-4-(1H-pyrazol-1-yl)phenyl]-1H-pyrrolo[2,3-b]pyridin-4-yl]-1H-pyrazol-3-yl]-3-[(4-methoxyphenyl)methyl]- (9CI) (CA INDEX NAME)

RN 786700-57-0 CAPLUS

CN Benzonitrile, 4-[2,3-dihydro-4-[3-[3-[(4-methoxyphenyl)methyl]-2-oxo-1-imidazolidinyl]-1H-pyrazol-1-yl]-6-methyl-1H-pyrrolo[2,3-b]pyridin-1-yl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

RN 786700-60-5 CAPLUS
CN 2-Imidazolidinone, 1-[1-[1-[2-(difluoromethyl)-4-methoxyphenyl]-2,3-dihydro-6-methyl-1H-pyrrolo[2,3-b]pyridin-4-yl]-1H-pyrazol-3-yl]-3-[(4-methoxyphenyl)methyl]- (9CI) (CA INDEX NAME)

CF3

| CHF<sub>2</sub> PAGE 2-A

RN 786700-64-9 CAPLUS
CN Benzonitrile, 4-[2,3-dihydro-4-[3-[3-[(4-methoxyphenyl)methyl]-2-oxo-1-imidazolidinyl]-1H-pyrazol-1-yl]-6-methyl-1H-pyrrolo[2,3-b]pyridin-1-yl]-3-(trifluoromethoxy)- (9CI) (CA INDEX NAME)

RN 786700-67-2 CAPLUS
CN Benzonitrile, 4-[2,3-dihydro-4-[3-[3-[(4-methoxyphenyl)methyl]-2-oxo-1-imidazolidinyl]-1H-pyrazol-1-yl]-6-methyl-1H-pyrrolo[2,3-b]pyridin-1-yl]-3-ethyl- (9CI) (CA INDEX NAME)

RN 786700-71-8 CAPLUS
CN 2-Imidazolidinone, 1-[1-[2,3-dihydro-1-[2-methoxy-4-(1H-pyrazol-1-yl)phenyl]-6-methyl-1H-pyrrolo[2,3-b]pyridin-4-yl]-1H-pyrazol-3-yl]-3-[(4-methoxyphenyl)methyl]- (9CI) (CA INDEX NAME)

Et

RN 786700-74-1 CAPLUS

CN 2-Imidazolidinone, 1-[1-[2,3-dihydro-6-methyl-1-(6-methyl-1,3-benzodioxol-5-yl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-1H-pyrazol-3-yl]-3-[(4-methoxyphenyl)methyl]- (9CI) (CA INDEX NAME)

RN 786700-77-4 CAPLUS

CN 2-Imidazolidinone, 1-[1-[2,3-dihydro-6-methyl-1-(2,4,6-trimethoxyphenyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-1H-pyrazol-3-yl]-3-[(4-methoxyphenyl)methyl]- (9CI) (CA INDEX NAME)

RN 786700-81-0 CAPLUS

CN 2-Imidazolidinone, 1-[1-[1-[2,4-bis(trifluoromethyl)phenyl]-2,3-dihydro-6-methyl-1H-pyrrolo[2,3-b]pyridin-4-yl]-1H-pyrazol-3-yl]-3-[(4-methoxyphenyl)methyl]- (9CI) (CA INDEX NAME)

CF3

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RN 786701-03-9 CAPLUS
CN 2-Imidazolidinone, 1-[1-[2,3-dihydro-1-(4-methoxy-2-methylphenyl)-2,6-dimethyl-1H-pyrrolo[2,3-b]pyridin-4-yl]-1H-pyrazol-3-yl]-3-[(4-methoxyphenyl)methyl]- (9CI) (CA INDEX NAME)

RN 786701-09-5 CAPLUS

CN 1H-Pyrazol-3-amine, 1-[2,3-dihydro-1-(4-methoxy-2-methylphenyl)-6-methyl-1H-pyrrolo[2,3-b]pyridin-4-yl]-5-methyl- (9CI) (CA INDEX NAME)

Me

RN 786701-11-9 CAPLUS

CN 2-Imidazolidinone, 1-acetyl-3-[1-[1-[4-(difluoromethoxy)-2-methylphenyl]-2,3-dihydro-6-methyl-1H-pyrrolo[2,3-b]pyridin-4-yl]-1H-pyrazol-3-yl]-(9CI) (CA INDEX NAME)

REFERENCE COUNT:

THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER:

2004:610082 CAPLUS

DOCUMENT NUMBER:

141:157105

TITLE:

Preparation of heteroaryl-substituted

pyrrolo[2,3-b]pyridine derivatives as CRF receptor

antagonists

INVENTOR(S):

Castiglioni, Emiliano; Di Fabio, Romano; Feriani, Aldo; Micheli, Fabrizio; Sabbatini, Fabio; St-Denis,

Yves

PATENT ASSIGNEE(S):

SB Pharmco Puerto Rico Inc., USA; Neurocrine

Biosciences Inc.; Glaxo Group Limited

SOURCE:

PCT Int. Appl., 72 pp. CODEN: PIXXD2

DOCUMENT TYPE:

Patent

LANGUAGE:

English

FAMILY ACC. NUM. COUNT:

PATENT INFORMATION:

	PAT	ENT	NO.			KINI	D	DATE			APPI	LICAT	NO.	DATE				
	WO	2004		A1 20040729			,	WO 2	2004-1	EP40	20040114							
		W:	AE,	AG,	AL,	AM,	AT,	AU,	AZ,	BA,	BB,	BG,	BR,	BW,	BY,	ΒZ,	CA,	CH,
			CN,	co,	CR,	CU,	CZ,	DE,	DK,	DM,	DZ,	EC,	ΕĖ,	EG,	ES,	FI,	GB,	GD,
			GE,	GH,	GM,	HR,	HU,	ID,	IL,	IN,	IS,	JP,	KE,	KG,	KP,	KR,	KZ,	LC,
			LK,	LR,	LS,	LT,	LU,	LV,	MA,	MD,	MG,	MK,	MN,	MW,	MX,	MZ		
	EP 1583531					A1 20051012					EP 2	2004-	7019	20040114				
		R:	AT,	BE,	CH,	DE,	DK,	ES,	FR,	GB,	GR,	IT,	LI,	LU,	NL,	SE,	MC,	PT,
			IE,	SI,	LT,	LV,	FI,	RO,	MK,	CY,	AL,	TR,	BG,	CZ,	EE,	HU,	SK	
	JP 2006515334							T 20060525				2006-	5000	20040114				
PRIOF	RIORITY APPLN. INFO.:										US 2	2003-	4404	32P		P 20	0030	116
										•	WO 2	2004-1	EP40	9	1	W 2	0040	114
							VDDDD 141 157105											

OTHER SOURCE(S):

MARPAT 141:157105

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$$R^4$$
 $R^1$ 
 $R^2$ 
 $R^3$ 
 $R^4$ 
 $R^1$ 
 $R^2$ 
 $R^3$ 
 $R^4$ 
 $R^4$ 

AB Pyrrolo[2,3-b]pyridines of formula I [R = aryl, heteroaryl; R1 = H, cycloalkyl, alkyl, alkoxy, CN, etc.; NR2R3 = (substituted) aromatic heterocycle; R4 = H, alkyl, halo, haloalkyl] are described, including stereoisomers, prodrugs and pharmaceutically acceptable salts or solvates thereof, processes for their preparation, pharmaceutical compns. containing them

and their use in the treatment of conditions mediated by corticotropin-releasing factor (CRF). Thus, II was prepared in several steps.

steps.

727992-87-2P 727992-88-3P 727992-89-4P 727992-90-7P 727992-91-8P 727992-92-9P 727992-93-0P 727992-94-1P 727992-95-2P 727992-96-3P 727992-97-4P 727992-98-5P 727992-99-6P 727993-00-2P 727993-01-3P 727993-02-4P 727993-03-5P 727993-04-6P 727993-05-7P 727993-06-8P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of heteroaryl pyrrolopyridine derivs. as CRF receptor antagonists)

RN 727992-87-2 CAPLUS

CN 1H-Pyrrolo[2,3-b]pyridine, 2,3-dihydro-1-[6-methoxy-2-(trifluoromethyl)-3-pyridinyl]-6-methyl-4-[3-(2-thiazolyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)

RN 727992-88-3 CAPLUS

CN 1H-Pyrrolo[2,3-b]pyridine, 2,3-dihydro-1-(6-methoxy-2-methyl-3-pyridinyl)-6-methyl-4-[3-(2-thiazolyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)

RN 727992-89-4 CAPLUS

CN 1H-Pyrrolo[2,3-b]pyridine, 1-(2,6-dimethoxy-3-pyridinyl)-2,3-dihydro-6-methyl-4-[3-(2-thiazolyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)

RN 727992-90-7 CAPLUS

CN 2-Pyridinamine, 5-[2,3-dihydro-6-methyl-4-[3-(2-thiazolyl)-1H-pyrazol-1-yl]-1H-pyrrolo[2,3-b]pyridin-1-yl]-N,N,4-trimethyl- (9CI) (CA INDEX NAME)

RN 727992-91-8 CAPLUS

CN lH-Pyrrolo[2,3-b]pyridine, l-[2-(difluoromethyl)-4-methoxyphenyl]-2,3-dihydro-6-methyl-4-[3-(2-thiazolyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)

RN 727992-92-9 CAPLUS

CN 1H-Pyrrolo[2,3-b]pyridine, 1-(2-chloro-4-methoxyphenyl)-2,3-dihydro-6-methyl-4-[3-(2-thiazolyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)

RN 727992-93-0 CAPLUS

CN 1H-Pyrrolo[2,3-b]pyridine, 1-(2,4-dimethoxyphenyl)-2,3-dihydro-6-methyl-4-[3-(2-thiazolyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)

RN

CN Benzonitrile, 3-chloro-4-[2,3-dihydro-6-methyl-4-[3-(2-thiazolyl)-1H-pyrazol-1-yl]-1H-pyrrolo[2,3-b]pyridin-1-yl]- (9CI) (CA INDEX NAME)

RN 727992-95-2 CAPLUS

CN Benzonitrile, 4-[2,3-dihydro-6-methyl-4-[3-(2-thiazolyl)-1H-pyrazol-1-yl]-1H-pyrrolo[2,3-b]pyridin-1-yl]-3-(trifluoromethoxy)- (9CI) (CA INDEX NAME)

RN 727992-96-3 CAPLUS

CN Benzonitrile, 4-[2,3-dihydro-6-methyl-4-[3-(2-thiazolyl)-1H-pyrazol-1-yl]-1H-pyrrolo[2,3-b]pyridin-1-yl]-3-ethyl- (9CI) (CA INDEX NAME)

727992-97-4 CAPLUS

RN

CN 1H-Pyrrolo[2,3-b]pyridine, 1-(4-fluoro-2-methylphenyl)-2,3-dihydro-6-methyl-4-[3-(2-thiazolyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)

- RN 727992-98-5 CAPLUS
- CN 1H-Pyrrolo[2,3-b]pyridine, 2,3-dihydro-6-methyl-1-[2-methyl-4-(1H-pyrazol-1-yl)phenyl]-4-[3-(2-thiazolyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)

- RN 727992-99-6 CAPLUS
- CN 1H-Pyrrolo[2,3-b]pyridine, 2,3-dihydro-6-methyl-1-[4-nitro-2-(trifluoromethyl)phenyl]-4-[3-(2-thiazolyl)-1H-pyrazol-1-yl]-(9CI) (CA INDEX NAME)

RN 727993-00-2 CAPLUS

CN Benzonitrile, 4-(4-[1,3'-bi-lH-pyrazol]-l'-yl-2,3-dihydro-6-methyl-lH-pyrrolo[2,3-b]pyridin-l-yl)-3-methyl- (9CI) (CA INDEX NAME)

'RN 727993-01-3 CAPLUS

CN Benzonitrile, 4-(4-[1,3'-bi-1H-pyrazol]-1'-yl-2,3-dihydro-6-methyl-1H-pyrrolo[2,3-b]pyridin-1-yl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

RN 727993-02-4 CAPLUS

CN Benzonitrile, 4-(4-[1,3'-bi-1H-pyrazol]-1'-yl-2,3-dihydro-6-methyl-1H-pyrrolo[2,3-b]pyridin-1-yl)-3-chloro-(9CI) (CA INDEX NAME)

RN 727993-03-5 CAPLUS
CN 1H-Pyrrolo[2,3-b]pyridine, 4-[1,3'-bi-1H-pyrazol]-1'-yl-2,3-dihydro-1-(4-methoxy-2-methylphenyl)-6-methyl- (9CI) (CA INDEX NAME)

RN 727993-04-6 CAPLUS
CN Benzonitrile, 4-[2,3-dihydro-6-methyl-4-[3-(2-pyridinyl)-1H-pyrazol-1-yl]1H-pyrrolo[2,3-b]pyridin-1-yl]-3-methyl- (9CI) (CA INDEX NAME)

CN Benzonitrile, 3-chloro-4-[2,3-dihydro-6-methyl-4-[3-(2-pyridinyl)-1H-pyrazol-1-yl]-1H-pyrrolo[2,3-b]pyridin-1-yl]- (9CI) (CA INDEX NAME)

RN 727993-06-8 CAPLUS

CN Benzonitrile, 4-[2,3-dihydro-6-methyl-4-[3-(2-pyridinyl)-1H-pyrazol-1-yl]-1H-pyrrolo[2,3-b]pyridin-1-yl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

IT 491865-06-6P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of heteroaryl pyrrolopyridine derivs. as CRF receptor antagonists)

RN 491865-06-6 CAPLUS

CN 1H-Pyrrolo[2,3-b]pyridine, 2,3-dihydro-6-methyl-4-[3-(2-thiazolyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)

L4 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2003:76778 CAPLUS

DOCUMENT NUMBER: 138:137173

TITLE: Preparation of pyrazolyl- pyrrolo[2,3-b]pyridines and

tetrahydro[1,8]naphthyridines as CRF receptor

antagonists

INVENTOR(S): Di Fabio, Romano; Micheli, Fabrizio; St-denis, Yves

PATENT ASSIGNEE(S): Glaxo Group Limited, UK SOURCE: PCT Int. Appl., 35 pp.

CODEN: PIXXD2

Patent

DOCUMENT TYPE:

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PA'	TENT :	NO.			KIN	KIND DATE				APPL	ICAT	ION	DATE						
WO	2003	0084	12		A2 20030130 A3 20030501														
	W:	CO, GM, LS,	CR, HR, LT,	CU, HU, LU,	CZ, ID, LV,	DE, IL, MA,	AU, DK, IN, MD, SE,	DM, IS, MG,	DZ, JP, MK,	EC, KE, MN,	EE, KG, MW,	ES, KP, MX,	FI, KR, MZ,	GB, KZ, NO,	GD, LC, NZ,	GE, LK, OM,	GH, LR, PH,		
	RW:	UA, GH, KG, FI,	UG, GM, KZ, FR,	US, KE, MD, GB,	UZ, LS, RU, GR,	VN, MW, TJ, IE,	YU, MZ, TM, IT, GQ,	ZA, SD, AT, LU,	ZM, SL, BE, MC,	ZW SZ, BG, NL,	TZ, CH, PT,	UG, CY, SE,	ZM, CZ, SK,	ZW, DE, TR,	AM, DK,	AZ, EE,	BY, ES,		
GB	2378				A 20030219				,	GB 2	002-	1604	20020711						
CA	2451	530			A1 20030130				CA 2002-2451530					20020715					
EP	1425	280			A2 20040609				CA 2002-2451530 EP 2002-764696					20020715					
EP	1425	280			B1		2006	0830											
	R:						ES, RO,									MC,	PT,		
BR	2002	0111	71		Α	A 20040810				BR 2	002-	1117	20020715						
CN	1525	972			Α	A 20040901				CN 2	002-	8138	20020715						
HU	2004	0046	5		A2		2005	0128		HU 2	004-	465	20020715						
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NZ	5300	43			Α		2006	0331		NZ = 2	002-3	5300-	20020715 20020715						
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	ZA 2003009708											20020715							
US	US 2004171607						2004	0902		US 2	004-	4837	20031213						
NO	NO 2004000206						2004	0316		NO 2004-206					20040116				
PRIORITY	US 2004171607 A1 2004090 NO 2004000206 A 2004031 RIORITY APPLN. INFO.:										GB 2001-17396					A 20010717			

WO 2002-EP7865

OTHER SOURCE(S): GΙ

MARPAT 138:137173

## \* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

ΑB Pyrazolyl- pyrrolo[2,3-b]pyridines and tetrahydro[1,8]naphthyridines [1; wherein R = (substituted) aryl, heteroaryl; R1 = H, (C1-C6)alkyl, (C2-C6)alkenyl, (C2-C6)alkynyl, halo(C1-C6)alkyl, halo(C1-C6)alkoxy, halogen, amino, or cyano; R2 = H, (C3-C7)cycloalkyl; R3 = (C3-C7)cycloalkyl; or R2 and R3 together with N form a (substituted) 5-14 membered heterocycle; R4 = H, (C1-C6)alkyl, halo, halo(C1-C6)alkyl; X = C, N; n = 1 or 2] were prepared For example, compound (II) was prepared by the provided method. The prepared compds. are useful in the treatment of conditions mediated by corticotropin-releasing factor (CRF) (no data). 491864-38-1P 491864-40-5P 491864-41-6P ΙT 491864-42-7P 491864-46-1P 491865-57-7P

491865-58-8P 491865-59-9P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES

(preparation of pyrazolyl- pyrrolo[2,3-b]pyridines and tetrahydro[1,8]naphthyridines as CRF receptor antagonists)

RN 491864-38-1 CAPLUS

CN

1H-Pyrrolo[2,3-b]pyridine, 1-[2,4-bis(trifluoromethyl)phenyl]-2,3-dihydro-6-methyl-4-[3-(2-thiazolyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)

RN 491864-40-5 CAPLUS

CN Benzonitrile, 4-[2,3-dihydro-6-methyl-4-[3-(2-thiazolyl)-1H-pyrazol-1-yl]-1H-pyrrolo[2,3-b]pyridin-1-yl]-3-methyl- (9CI) (CA INDEX NAME)

RN 491864-41-6 CAPLUS

CN Benzonitrile, 4-[2,3-dihydro-6-methyl-4-[3-(2-thiazolyl)-1H-pyrazol-1-yl]-1H-pyrrolo[2,3-b]pyridin-1-yl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

RN 491864-42-7 CAPLUS

CN 1H-Pyrrolo[2,3-b]pyridine, 2,3-dihydro-6-methyl-1-[2-methyl-4-(trifluoromethoxy)phenyl]-4-[3-(2-thiazolyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)

RN 491864-46-1 CAPLUS

CN 1H-Pyrrolo[2,3-b]pyridine, 2,3-dihydro-1-(4-methoxy-2-methylphenyl)-6-methyl-4-[3-(2-thiazolyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)

RN 491865-57-7 CAPLUS

CN 1H-Pyrrolo[2,3-b]pyridine, 1-[2,4-bis(trifluoromethyl)phenyl]-2,3-dihydro-6-methyl-4-[3-(4-morpholinyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)

RN 491865-58-8 CAPLUS

CN 1H-Pyrrolo[2,3-b]pyridine, 1-[2,4-bis(trifluoromethyl)phenyl]-2,3-dihydro-6-methyl-4-[3-(2-pyridinyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)

RN 491865-59-9 CAPLUS

CN 1H-Pyrrolo[2,3-b]pyridine, 4-[1,3'-bi-1H-pyrazol]-1'-yl-1-[2,4-bis(trifluoromethyl)phenyl]-2,3-dihydro-6-methyl- (9CI) (CA INDEX NAME)

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(FILE 'HOME' ENTERED AT 15:24:40 ON 29 DEC 2006)

FILE 'REGISTRY' ENTERED AT 15:25:04 ON 29 DEC 2006

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L2 4 S L1

L3 86 S L1 FULL

FILE 'CAPLUS' ENTERED AT 15:25:45 ON 29 DEC 2006 L4 5 S L3 FULL

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COST IN U.S. DOLLARS

SINCE FILE TOTAL
ENTRY SESSION
FULL ESTIMATED COST

27.85
195.00

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) SINCE FILE TOTAL

ENTRY SESSION -3.75

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STN INTERNATIONAL LOGOFF AT 15:28:59 ON 29 DEC 2006